



Home Inspections

"For a mind at peace"

October 1, 2009

Re: Visual Inspection & Laboratory test for evidence of existing contamination associated with Chinese Drywall; performed on September 29th, 2009 at Example Way, Ruskin, FL. 33570

Mr. John Doe,

The inspection synopsis of the property referenced above does have the characteristics of known Chinese Drywall Contamination and laboratory tests are also congruent. The FTIR spectrum of the sample taken from the back wall of the master bedroom is consistent with the spectral characteristics and peaks identified in contaminated Chinese drywall reference materials.

The conclusion and the findings are based on evidence observed on the day of the inspection and laboratory results from AssuredBio as provided on attached report.

Scope of Work:

The visual inspection consists of evaluating readily and accessible areas to examine drywall, copper components in the building & other items associated with known symptoms of Chinese Drywall Syndrome.

Areas accessed and findings are as follow:

- Opened and examined air handler to evaluate copper pipes & air coil. Observed that the copper pipes are oxidized with characteristics associated to Chinese Drywall contamination.
- Opened and examined main electrical panel and electrical light/outlet boxes at each room to evaluate copper wires for oxidation, and I found oxidation indicative of Chinese Drywall Contamination at the majority of the home.
- A sulfur odor was detected. In my opinion, the odor smell is similar to the slight odor of sulfur from burned matches or fireworks.
- Laboratory test on one 2" circle sample piece of drywall from the subject home was performed. The tests rendered are conclusive with known characteristics of associated with Chinese Drywall Contamination.

I reserve the right to amend this report when, and if new information becomes available.

Sincerely,

Mario Neira

Mario Neira

Certified Inspector

U.S. Home Inspections

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Suspect Chinese Drywall Analysis Fourier Transform Infrared Spectroscopy (Mid-Infrared)

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Inspector:	Mario Neira	Project Date:	9/29/2009
Project:	Example Way 33570	Received:	9/30/2009
Job #:		Reported:	9/30/2009
ABID:	MN093009-9	Analyst:	M. Dinse

Sample Number: MN093009-9-1 (1)

Sample ID: Master Bedroom Back Wall

Results: **Congruent** The FTIR spectrum of the sample is consistent with the spectral characteristics and peaks identified in contaminated Chinese drywall reference materials.

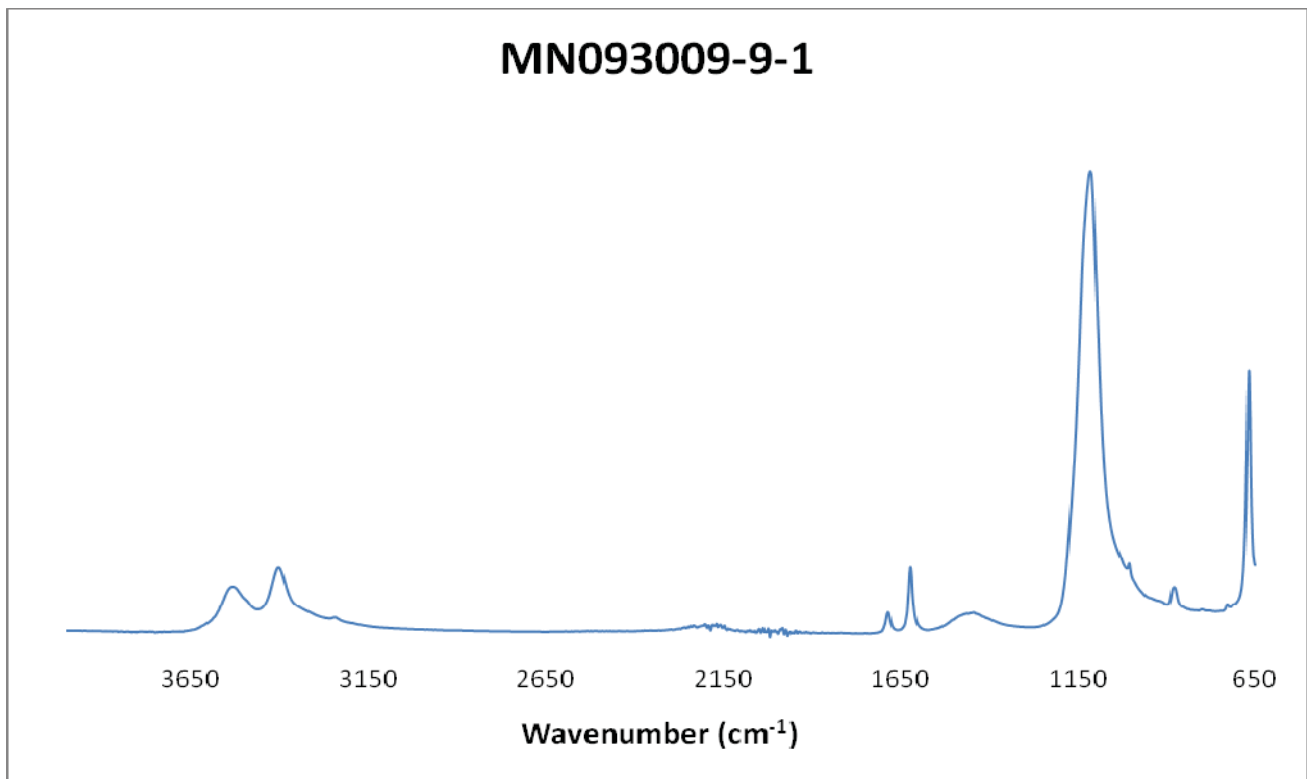
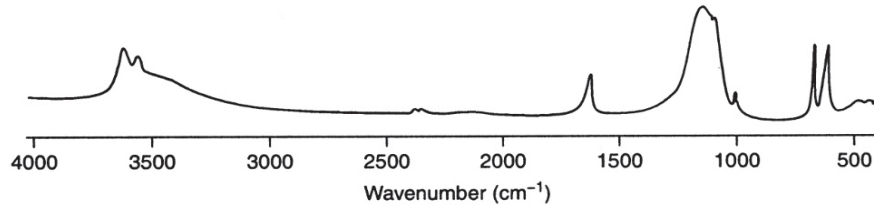


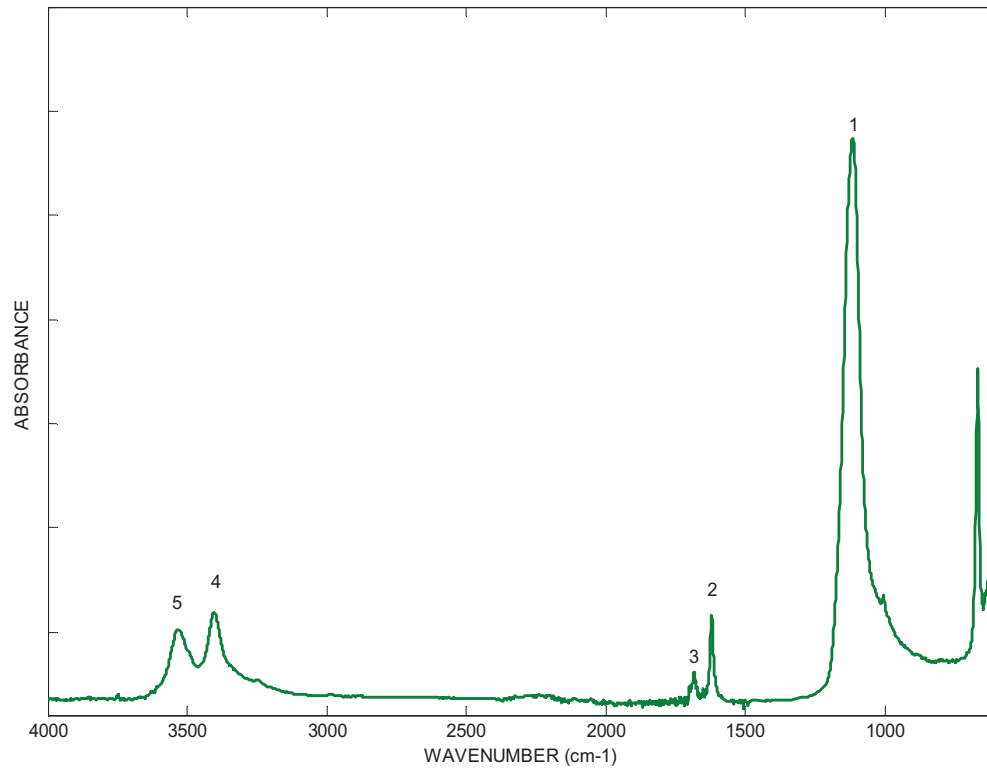
Figure. Spectral Fingerprint of sample. Each spectral fingerprint is generated from 34,010 data points. The data points are used to determine spectral congruency with known chinese drywall reference materials. Please note that the above figure is a condensed graphical representation of the averaged data scans and not intended for intersample comparisons.

Reference Spectra

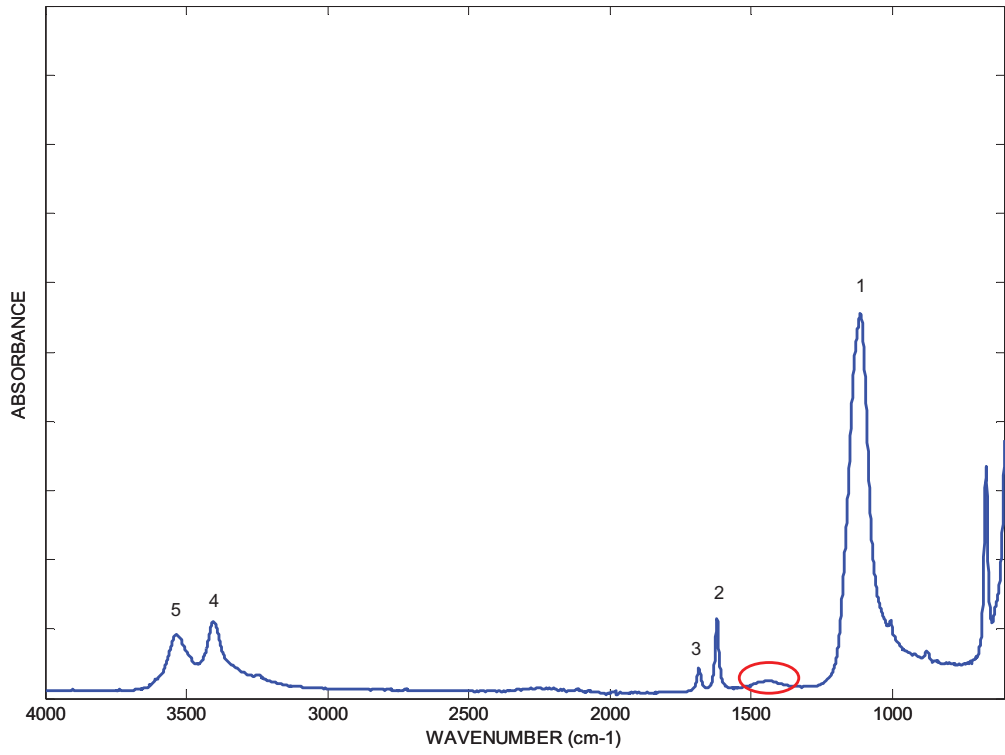
Gypsum (Calcium Sulfate)



American Drywall Reference Material



Type I Chinese Drywall Reference Material



Type II Chinese Drywall Reference Material

